

FILING DATE: 26-FEB-1997
 ATTORNEY/AGENT INFORMATION:
 NAME: CLARK, JANET P.
 REGISTRATION NUMBER: 34,799
 REFERENCE/DOCKET NUMBER: R0020B-REG
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (650) 852-3097
 TELEFAX: (650) 852-3097
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 6007 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-09-024-020B-2

Query Match 11.4% Score 41.8; DB 3; Length 6007;
 Best Local Similarity 48.0%; Pred. No. 0.055;
 Matches 118; Conservative 0; Mismatches 128; Indels 0; Gaps 0;

QY 87 CTNCTACCTGCGGACAGTGGACAGTGCACCTAGTGGCTCTCACCCTCTCTCTCT 146
 DB 4779 CTACTATTTCACCATGCTGGACATCTTTGACTTTGGTGGTGCATCTCTCATTTGT 4838
 QY 147 GGGCGTGGGCTGCGGCTGACCCGCGGTTTGTACCACTGGGCGGCACTGCTCTGCAT 206
 DB 4839 GGGAAATGTTCTCGGCTGATATCATTTGAGAGTACTTCGCTCCCAACCCCTATTCGAGT 4898
 QY 207 CGACTTCATGCTTTTCACGCTGCGGCTGCTTCACATCTTTCACGGTCAACAAACAGCTGGG 266
 DB 4899 TATCCGATTTGGCCGCTATTTGGGCGCATCTTGGCTGATCAAGGCGCCAAAGGATCCG 4958
 QY 267 GCCAAGATGCTCATGCTGACGACAGATGATGAAGACGCTCTCTCTCTCTCTCTCT 326
 DB 4959 CACCTGCTCTTGGCTTAATGATGCTGCTGCCGCCCTGTTCAACATCGGCTCTCTGCT 5018
 QY 327 CGCGCT 332
 DB 5019 CTTCCT 5024

RESULT 12
 US-09-024-020B-7
 Sequence 7, Application US/09024020B
 Patent No. 6030810
 GENERAL INFORMATION:
 APPLICANT: DELGADO, STEPHEN G.
 APPLICANT: DIETRICH, PAUL S.
 APPLICANT: FISH, LINDA M.
 APPLICANT: HERMAN, RONALD C.
 APPLICANT: SANGAMESWARAN, LAKSHMI
 TITLE OF INVENTION: NOVEL CLONED TETRODOTOXIN-SENSITIVE
 NUMBER OF SEQUENCES: 43
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: JANET PAULINE CLARK
 STREET: 3401 HILLVIEW AVENUE, MS A2-250
 CITY: PALO ALTO
 STATE: CA
 COUNTRY: U.S.A.
 ZIP: 94304-1397
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/024,020B
 FILING DATE: 16-FEB-1998
 CLASSIFICATION: 536
 PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/039,447
 FILING DATE: 26-FEB-1997
 ATTORNEY/AGENT INFORMATION:
 NAME: CLARK, JANET P.
 REGISTRATION NUMBER: 34,799
 REFERENCE/DOCKET NUMBER: R0020B-REG
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (650) 852-3097
 TELEFAX: (650) 852-3097
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 6556 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-09-024-020B-7

Query Match 11.4% Score 41.8; DB 3; Length 6556;
 Best Local Similarity 48.0%; Pred. No. 0.057;
 Matches 118; Conservative 0; Mismatches 128; Indels 0; Gaps 0;

QY 87 CTNCTACCTGCGGACAGTGGACAGTGCACCTAGTGGCTCTCACCCTCTCTCTCT 146
 DB 4896 CTACTATTTCACCATGCTGGACATCTTTGACTTTGGTGGTGCATCTCTCATTTGT 4955
 QY 147 GGGCGTGGGCTGCGGCTGACCCGCGGTTTGTACCACTGGGCGGCACTGCTCTGCAT 206
 DB 4956 GGGAAATGTTCTCGGCTGATATCATTTGAGAGTACTTCGCTCCCAACCCCTATTCGAGT 5015
 QY 207 CGACTTCATGCTTTTCACGCTGCGGCTGCTTCACATCTTTCACGGTCAACAAACAGCTGGG 266
 DB 5016 TATCCGATTTGGCCGCTATTTGGGCGCATCTTGGCTGATCAAGGCGCCAAAGGATCCG 5075
 QY 267 GCCAAGATGCTCATGCTGACGACAGATGATGAAGACGCTCTCTCTCTCTCTCTCT 326
 DB 5076 CACCTGCTCTTGGCTTAATGATGCTGCTGCCGCCCTGTTCAACATCGGCTCTCTGCT 5135
 QY 327 CGCGCT 332
 DB 5136 CTTCCT 5141

RESULT 13
 US-09-024-020B-43
 Sequence 43, Application US/09024020B
 Patent No. 6030810
 GENERAL INFORMATION:
 APPLICANT: DELGADO, STEPHEN G.
 APPLICANT: DIETRICH, PAUL S.
 APPLICANT: FISH, LINDA M.
 APPLICANT: HERMAN, RONALD C.
 APPLICANT: SANGAMESWARAN, LAKSHMI
 TITLE OF INVENTION: NOVEL CLONED TETRODOTOXIN-SENSITIVE
 NUMBER OF SEQUENCES: 43
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: JANET PAULINE CLARK
 STREET: 3401 HILLVIEW AVENUE, MS A2-250
 CITY: PALO ALTO
 STATE: CA
 COUNTRY: U.S.A.
 ZIP: 94304-1397
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/024,020B
 FILING DATE: 16-FEB-1998
 CLASSIFICATION: 536

MOLECULE TYPE: DNA (genomic)
US-09-024-020B-8

Query Match	11.48;	Score 41.8;	DB 3;	Length 6826;
Best Local Similarity	48.08;	Pred. No. 0.057;		
Matches 118;	Conservative 0;	Mismatches 128;	Indels 0;	Gaps 0;

OY	87	CTNCACTCGCCGACACTGGAAACAGGCACCCTAGTGGCTTCACCTGGTCTCCT	146
Db	4722	CTACTACTTCACCAATGGCTGTGAACATCTTTGACTTTTGtggfGfCATCTTCCATTGT	4781
OY	147	GGGCGTGGGCGGCCGCGGTGACCCCGGGTGTGACCACTGGGCGCACATGTCCTGCAT	206
Db	4782	GGGAATGTTCCCTGAGCTGATATCATTTGAGAAGATCTCGTCCCAACCCATATTCGAGT	4841
OY	207	CGACTTAATGGTTTTACAGGTGCGGCTGCTTACACTCTCAACGGTCMAAACACTGGG	266
Db	4842	TATCGAATGGCCCCCTATGGGCGCATCTTGCGTGTGATCAAGGGCGCCAAAGGATCCG	4901
OY	267	GCCCAAGATCGTCACTGTAGGCAAGATGTAAGAGACGTCTTCTTCTTCCTCTCTCT	326
Db	4902	CACCTGCTCTTGTCTGTGATGATGTCCGTCGCCGCCCTGTTCACAATGGGCTCTGTGT	4961
OY	327	CGGCGCT 332	
Db	4962	CTTCTT 4967	

RESULT 15
 US-09-050-863-2/c
 Sequence 2, Application US/09050863
 Patent No. 611411
 GENERAL INFORMATION:
 APPLICANT: Lao, Yang
 APPLICANT: Hiang, Betty
 APPLICANT: Payan, Don
 TITLE OF INVENTION: Mammalian Protein Interaction Cloning
 TITLE OF INVENTION: System
 NUMBER OF SEQUENCES: 5
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Fleh, Hohbach, Test, Albritton & Herbert
 STREET: 4 Embarcadero Center, Suite 3400
 CITY: San Francisco
 STATE: CA
 COUNTRY: USA
 ZIP: 94111-4187
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/050,863
 FILING DATE: 30-MAR-1998
 CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:
 NAME: Silva, Robin M.
 REGISTRATION NUMBER: 38,304
 REFERENCE/DOCKET NUMBER: A-65638/DJE/RMS
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 781-1989
 TELEFAX: (415) 949-8711
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2580 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: DNA

Query Match	Score	DB	Length
Best Local Similarity	41.2%	3	2580;
Matches	45.1%;	Pred. No.	0.061;
Mismatches	148; Conservative	0;	Mismatches 180; Indels 0; Gaps 0

QY	11	CGTAGCGGGAGGGGTGTTGCGCAGCGCTGCCACGGGGGGCCCCGGGCTGAGCCATTCTCTCA	70
Db	1529	CGTGGGCGCTCTTTTCTCCAGCTCCAGAGACCTCTCCCCCTGGGCTTTTTCAGCAGCTTCCCC	14770
QY	71	CTGAGCCAGCGCGCTGCCCTNCTACTCTGCCGACAGCTGAGACCAATGTCGAGCTAGTGGCTC	130
Db	1469	CTGGGCTCTTTTCAAGCTCTCTTACCCCGGGGGCGCTCCACATACCTCTCTCGAGCCCCGCGCTCC	1410
QY	131	TCACCTGCTTTCACCTCGGGGCGTGGGCTGGCGGGCTGACCCCGGGTTTGTATACACCTCGGGCC	190
Db	1409	ACTACCTCTCTGAGACCGGGGCTCCACTTGGCTCTCTGACCCGGGCTCCACCTCTCTGCTCC	1350
QY	191	GCACTGCTCTCTGCATCGAATTAATGTTTTCACGGTGGGCTGCTTACATCTTCACGG	250
Db	1349	TGCCCTCTGCTCTCTGCCCCCTCTCTCTCTCTCTGCCCCCTCTGCCCCCTCTGCTCTGCTCC	1290
QY	251	TCAACAACAAGCTGGGGGCCCAAGATCGTACGTGAGCAAGATGATGAAGAGCGTGTCT	310
Db	1289	CCCTCTGCCCCCTCTGCTCTGCCCCCTCTGCCCCCTCTGCTCTGCTCTGCCCCCTCTGCCCC	1230
QY	311	TCTTCTCTCTCTCTCTCTGCGGTGGCT	338
Db	1229	TCTCTCTCTCTCTGCCCCCTCTCTGCCCCCT	1202

Search completed: October 5, 2001, 01:30:05.
Job time: 12837 sec

Result No.	Score	Query Match	Length	DB	ID	Description
1	214	100.0	214	2	US-08-727-688-2	Sequence 2, Appl1
2	214	100.0	1297	2	US-08-727-688-9	Sequence 9, Appl1
3	198	92.5	313	2	US-08-727-688-3	Sequence 3, Appl1
4	100.8	47.1	217	2	US-08-727-688-1	Sequence 1, Appl1
5	89.2	41.7	3848	4	US-09-112-096-28	Sequence 28, Appl1
6	89.2	41.7	5668	4	US-09-112-096-14	Sequence 14, Appl1
7	50.8	23.7	5055	1	US-08-623-679-8	Sequence 8, Appl1
8	50.8	23.7	5055	3	US-08-933-774-8	Sequence 8, Appl1
9	50.8	23.7	5055	4	US-09-181-030-8	Sequence 8, Appl1
10	42.2	19.7	4944	1	US-08-623-679-6	Sequence 6, Appl1
11	42.2	19.7	4944	3	US-08-933-774-6	Sequence 6, Appl1
12	42.2	19.7	4944	4	US-09-181-030-6	Sequence 6, Appl1
13	34.8	16.3	28804	2	US-08-592-874-1	Sequence 1, Appl1
14	34.8	16.3	28804	3	US-09-056-942-2	Sequence 2, Appl1
15	34.8	16.3	28804	3	US-09-056-867-2	Sequence 2, Appl1
16	33.8	15.8	3384	2	US-08-473-920A-5	Sequence 5, Appl1
17	32.4	15.1	11958	4	US-09-114-246-8	Sequence 8, Appl1
18	31.4	14.7	819	1	US-07-720-591A-1	Sequence 1, Appl1
19	31.4	14.7	962	1	US-08-658-469-1	Sequence 1, Appl1
20	31.4	14.7	962	3	US-09-081-420-1	Sequence 1, Appl1
21	31.2	14.6	4020	4	US-09-050-159-130	Sequence 130, Appl1
22	31.2	14.6	4024	4	US-09-152-884-18	Sequence 18, Appl1
23	31	14.5	1326	2	US-08-484-9938-5	Sequence 5, Appl1
24	31	14.5	1326	2	US-08-484-158B-5	Sequence 5, Appl1
25	31	14.5	1326	2	US-08-484-996A-5	Sequence 5, Appl1
26	31	14.5	1326	2	US-08-480-150A-5	Sequence 5, Appl1
27	31	14.5	1326	3	US-08-458-731-5	Sequence 5, Appl1

28	31	14.5	1336	3	US-08-149-223A-5	Sequence 5, App11
29	31	14.5	36519	3	US-08-923-137-2	Sequence 2, App11
30	30.8	14.4	3150	4	US-08-943-768-1	Sequence 1, App11
31	30.6	14.3	3175	4	US-08-050-688-1	Sequence 1, App11
32	30.6	14.3	3175	1	US-08-982-719-1	Sequence 1, App11
33	30.4	14.2	605	4	US-08-927-219-1	Sequence 135, App
34	30.4	14.2	939	2	US-08-356-060A-7	Sequence 7, App11
35	30.4	14.2	939	4	US-08-460-900C-7	Sequence 7, App11
36	30.4	14.2	10014	4	US-08-927-219-1-130	Sequence 130, App1
37	30.2	14.1	921	1	US-08-722-001-17	Sequence 17, App1
38	30.2	14.1	1567	1	US-08-722-001-124	Sequence 24, App1
39	30.2	14.1	1738	1	US-08-334-698-3	Sequence 3, App11
40	30.2	14.1	1738	1	US-08-328-932-3	Sequence 3, App11
41	30.2	14.1	1738	1	US-08-668-933-3	Sequence 3, App11
42	30.2	14.1	1738	2	US-08-406-855A-3	Sequence 3, App11
43	30.2	14.1	1738	2	US-08-722-190-3	Sequence 3, App11
44	30.2	14.1	1738	2	US-08-444-354-3	Sequence 3, App11
45	30.2	14.1	1738	3	US-09-406-899-3	Sequence 3, App11

ALIGNMENTS

RESULT 1

US-08-727-688-2
; Sequence 2, Application US/08727688

GENERAL INFORMATION:

APPLICANT: Russell, John C.
TITLE OF INVENTION: Reagents and Methods for Detecting Prostate Tumors

```

; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:

```

ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road D377/AP61

CITY: Abbott
STATE: IL

; COUNTRY: USA
; ZIP: 60064
;

```
; COMPUTER READABLE FORM
; MEDIUM TYPE: Diskette
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; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
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; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
```

APPLICATION NUMBER: US/08/727,688
FILING DATE:

```

; CLASSIFICATION: 514
; PRIOR APPLICATION DATA
;

```

APPLICATION NUMBER:
FILING DATE:

ATTORNEY/AGENT INFORMATION:
NAME: Porembski, Priscilla E.

REGISTRATION NUMBER: 33,207
REFERENCE/DOCKET NUMBER: 5967.US.01

TELECOMMUNICATION INFORMATION
TELEPHONE: (847) 937-0378

TELEFAX: (847) 938-2623
TELEX:
FURNISHING FOR THE

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; INFORMATION FOR SEQ ID NO: 2:
;
; SEQUENCE CHARACTERISTICS:
;
; LENGTH: 314 base pairs

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LENGTH: 214 base pairs
TYPE: nucleic acid

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; STRANDEDNESS: 31
; TOPOLOGY: 1linear
rc-00-727-688-3

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7-988-121-90-50

<u>Query Match</u>	<u>Score</u>	<u>IDB 2;</u>	<u>Length</u>	<u>214;</u>
PostgreSQL ClientPort=*	100.08;			
Dockerfile	100.08;			
Packaging	96.76;			

Matches 214; Conservative: 0; Mismatches 0; Indels 0; Gaps 0;
 best local similarity 100.0%; prev. no. 48-50;

1 CAACAGCTGGGGCCCAAGATCTGTCATCGTAGCAAGATGTAAGACGCTGTTCTTCTT 60

Db 1 CAACAGCTGGGGCCCAAGATGTCATGTCAGCAAGATGATGAAGAGCTGTCTCTT 60
Qy 61 CCTCTTCTTCTCGGCGGTGTGCTGTAGCCCTATGAGCGGCGGAGAGGGCTCTGTAG 120
Db 61 CCTCTTCTTCTCGGCGGTGTGCTGTAGCCCTATGAGCGGCGGAGAGGGCTCTGTAG 120
Qy 121 GCGAGGGGACAGTATCCCAAGATATCTGTGGCGGCGCTTCTTACCGCTCTACTGCA 180
Db 121 GCGAGGGGACAGTATCCCAAGATATCTGTGGCGGCGCTTCTTACCGCTCTACTGCA 180
Qy 181 GATCTTCGGGACAGATTCGCCAGAGATGAC 214
Db 181 GATCTTCGGGACAGATTCGCCAGAGATGAC 214

RESULT 2

US-08-727-688-9
; Sequence 9, Application US/08727688
; Patent No. 5919638
; GENERAL INFORMATION:
; APPLICANT: Russell, John C.
; TITLE OF INVENTION: Reagents and Methods for Detecting Prostate Tumors
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road D377/AP6D
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/727,688
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Porembski, Priscilla E.
; REGISTRATION NUMBER: 33,207
; REFERENCE/DOCKET NUMBER: 5967.US.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (847) 937-0378
; TELEFAX: (847) 938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1297 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-727-688-9

Query Match 100.0%; Score 214; DB 2; Length 1297;

Best Local Similarity 100.0%; Pred. No. 3.2e-50;
Matches 214; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CAACAGCTGGGGCCCAAGATGTCATGTCAGCAAGATGATGAAGAGCTGTCTCTT 60
Db 255 CAACAGCTGGGGCCCAAGATGTCATGTCAGCAAGATGATGAAGAGCTGTCTCTT 314
Qy 61 CCTCTTCTTCTCGGCGGTGTGCTGTAGCCCTATGAGCGGCGGAGAGGGCTCTGTAG 120
Db 315 CCTCTTCTTCTCGGCGGTGTGCTGTAGCCCTATGAGCGGCGGAGAGGGCTCTGTAG 374
Qy 121 GCGAGGGGACAGTATCCCAAGATATCTGTGGCGGCGCTTCTTACCGCTCTACTGCA 180
Db 121 GCGAGGGGACAGTATCCCAAGATATCTGTGGCGGCGCTTCTTACCGCTCTACTGCA 180

Db 375 GCGAGGGGACAGTATCCCAAGATATCTGTGGCGGCGCTTCTTACCGCTCTACTGCA 434
Qy 181 GATCTTCGGGACAGATTCGCCAGAGATGAC 214
Db 435 GATCTTCGGGACAGATTCGCCAGAGATGAC 468

RESULT 3

US-08-727-688-3
; Sequence 3, Application US/08727688
; Patent No. 5919638
; GENERAL INFORMATION:
; APPLICANT: Russell, John C.
; TITLE OF INVENTION: Reagents and Methods for Detecting Prostate Tumors
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road D377/AP6D
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/727,688
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Porembski, Priscilla E.
; REGISTRATION NUMBER: 33,207
; REFERENCE/DOCKET NUMBER: 5967.US.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (847) 937-0378
; TELEFAX: (847) 938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 213 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-727-688-3

Query Match 92.5%; Score 198; DB 2; Length 213;

Best Local Similarity 100.0%; Pred. No. 5e-46;
Matches 198; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 17 AAGATCGTCATGTCAGCAAGATGATGAAGAGCTGTCTTCTCTTCTTCTCTGCGC 76
Db 1 AAGATCGTCATGTCAGCAAGATGATGAAGAGCTGTCTTCTCTTCTCTTCTCTGCGC 60
Qy 77 GGTGCTGTGTAAGCTTATGAGCGTGGCCAGAGAGGGCTCTTACGGCCAGGACATGAC 136
Db 61 GGTGCTGTGTAAGCTTATGAGCGTGGCCAGAGAGGGCTCTTACGGCCAGGACATGAC 120
Qy 137 TTCCCAAGATTCCTGCGCGGCTTCTTACCGCTTCCCTACATCTTGGGAGATT 196
Db 121 TTCCCAAGATTCCTGCGCGGCTTCTTACCGCTTCCCTACATCTTGGGAGATT 180
Qy 197 CCCGAGAGACATGAC 214
Db 181 CCCGAGAGACATGAC 198

RESULT 4

RESULT 7
US-08-623-679-8
Sequence 8, Application US/08623679
Patent No. 5674739
GENERAL INFORMATION:
APPLICANT: Shytan, Andrew W.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
DIAGNOSIS, PREVENTION AND TREATMENT OF TUMOR
PROGRESSION
TITLE OF INVENTION: DIAGNOSIS, PREVENTION AND TREATMENT OF TUMOR
PROGRESSION
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Flash 6 Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/623,679
FILING DATE: 29-MAR-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/412,431
FILING DATE: 29-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Fasse, J. Peter
REGISTRATION NUMBER: 32,983
REFERENCE/DOCKET NUMBER: 07334/004001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 5055 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: CDS
LOCATION: 346..4945
US-08-623-679-8

Query Match 23.7%; Score 50.8; DB 1; Length 5055;
Best Local Similarity 52.3%; Pred. No. 2.6e-05;
Matches 112; Conservative 0; Mismatches 102; Indels 0; Gaps 0;

QY 1 CAACAGCTGGGGCCCAAGATCGTCATGTCGACCAAGATGATGAAGAGCGTCTTTCTT 60
DB 2992 CAATGATTTGGGGCCCATACGTCATGATGATGATGGAAGATGATGACGACATGCTACTT 3041
QY 61 CCTCTTCTCTCGGCGTGTGCTGTGAGCTATGCGCGGCGCTCTTTACCGTCCCTACTGCA 120
DB 3042 TGTGTCTATCATGCTGCTGCTGCTATGATGTTGCGATTACCCCGCTCAAGCATTTCTCA 3101
QY 121 GCCACGGACAGTACTTCCCAAGTATCCTGGCGCGCTCTTTACCGTCCCTACTGCA 180
DB 3102 TCCAGAGAGAGAGCCCTTTGGAAAGTGGCCCGGAACATCTTCTACATGCCCCCTACTGAT 3161
QY 181 GATCTTGGCGAGATTCCCAAGAGAGACATGAGC 214
DB 3162 GATCTATGAGAGGTGTTTGCAGACCAATAGAC 3195

RESULT 8
US-08-933-774-8

Sequence 8, Application US/08933774A
Patent No. 6025137
GENERAL INFORMATION:
APPLICANT: Shytan, Andrew W.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS, PREVENTION
AND TREATMENT OF TUMOR PROGRESSION
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS, PREVENTION
AND TREATMENT OF TUMOR PROGRESSION
FILE REFERENCE: 07334/004003
CURRENT APPLICATION NUMBER: US/08/933,774A
CURRENT FILING DATE: 1997-09-19
EARLIER APPLICATION NUMBER: US 08/623,679
EARLIER FILING DATE: 1996-03-29
EARLIER APPLICATION NUMBER: US 08/412,431
EARLIER FILING DATE: 1995-03-29
NUMBER OF SEQ ID NOS: 10
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 8
LENGTH: 5055
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (346)...(4944)
US-08-933-774-8

Query Match 23.7%; Score 50.8; DB 3; Length 5055;
Best Local Similarity 52.3%; Pred. No. 2.6e-05;
Matches 112; Conservative 0; Mismatches 102; Indels 0; Gaps 0;

QY 1 CAACAGCTGGGGCCCAAGATCGTCATGTCGACCAAGATGATGAAGAGCGTCTTTCTT 60
DB 2992 CAATGATTTGGGGCCCATACGTCATGATGATGATGGAAGATGATGACGACATGCTACTT 3041
QY 61 CCTCTTCTCTCGGCGTGTGCTGTGAGCTATGCGCGGCGCTCTTTACCGTCCCTACTGCA 120
DB 3042 TGTGTCTATCATGCTGCTGCTGCTATGATGTTGCGATTACCCCGCTCAAGCATTTCTCA 3101
QY 121 GCCACGGACAGTACTTCCCAAGTATCCTGGCGCGCTCTTTACCGTCCCTACTGCA 180
DB 3102 TCCAGAGAGAGAGCCCTTTGGAAAGTGGCCCGGAACATCTTCTACATGCCCCCTACTGAT 3161
QY 181 GATCTTGGCGAGATTCCCAAGAGAGACATGAGC 214
DB 3162 GATCTATGAGAGGTGTTTGCAGACCAATAGAC 3195

RESULT 9
US-09-181-030-8
Sequence 8, Application US/09181030
Patent No. 6251597
GENERAL INFORMATION:
APPLICANT: Shytan, Andrew W.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS, PREVENTION
AND TREATMENT OF TUMOR PROGRESSION
TITLE OF INVENTION: AND TREATMENT OF TUMOR PROGRESSION
FILE REFERENCE: 07334/004005
CURRENT APPLICATION NUMBER: US/09/181,030
CURRENT FILING DATE: 1998-10-27
EARLIER APPLICATION NUMBER: US 08/862,442
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: US 08/623,679
EARLIER FILING DATE: 1996-03-29
NUMBER OF SEQ ID NOS: 10
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 8
LENGTH: 5055
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (346)...(4944)
US-09-181-030-8

RESULT 10
 US-08-623-679-6
 : Sequence 6, Application US/08623679
 : Patent No. 5674739
 : GENERAL INFORMATION:
 : APPLICANT: Shyjan, Andrew M.
 : TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
 : TITLE OF INVENTION: DIAGNOSIS, PREVENTION AND TREATMENT OF TUMOR
 : TITLE OF INVENTION: PROGRESSION
 : NUMBER OF SEQUENCES: 9
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: Fish & Richardson P.C.
 : STREET: 225 Franklin Street
 : CITY: Boston
 : STATE: MA
 : COUNTRY: USA
 : ZIP: 02110-2804
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: Floppy disk
 : COMPUTER: IBM PC compatible
 : OPERATING SYSTEM: PC-DOS/MS-DOS
 : SOFTWARE: Patent In Release #1.0, Version #1.30
 : CURRENT APPLICATION DATA:
 : APPLICATION NUMBER: US/08/623,679
 : FILING DATE: 29-MAR-1996
 : CLASSIFICATION: 435
 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER: US 08/412,431
 : FILING DATE: 29-MAR-1995
 : ATTORNEY/AGENT INFORMATION:
 : NAME: Faase, J. Peter
 : REGISTRATION NUMBER: 32,983
 : REFERENCE/DOCKET NUMBER: 07334/004001
 : TELECOMMUNICATION INFORMATION:
 : TELEPHONE: 617/542-5070
 : TELEFAX: 617/542-8906
 : TELEX: 200154
 : INFORMATION FOR SEQ ID NO: 6:
 : SEQUENCE CHARACTERISTICS:
 : LENGTH: 4944 base pairs
 : TYPE: nucleic acid
 : STRANDEDNESS: single
 : TOPOLOGY: linear
 : MOLECULE TYPE: DNA
 : FEATURE:
 : NAME/KEY: CDS
 : LOCATION: 346..4837
 : US-08-623-679-6

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RESULT 11
US-08-933-774-6
; Sequence 6, Application US/08933774A
; Patent No. 6025137
;
GENERAL INFORMATION:
; APPLICANT: Shyjan, Andrew W.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS, PREVENTION
; TITLE OF INVENTION: AND TREATMENT OF TUMOR PROGRESSION
; FILE REFERENCE: 07334/004003
; CURRENT APPLICATION NUMBER: US/08/933.774A
; CURRENT FILING DATE: 1997-09-19
; EARLIER APPLICATION NUMBER: US 08/623,679
; EARLIER FILING DATE: 1996-03-29
; EARLIER APPLICATION NUMBER: US 08/412,431
; EARLIER FILING DATE: 1995-03-29
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 4944
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (346)...(4836)
US-08-933-774-6

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	Best Local	Similarity	.51_38	Pred.	No.	0.0059			
Matches	98:	Conservative	0;	Mismatches	93:	Indels	0;	Gaps	0;
QY	24	TGATCTGTAGCAGATGATGAAGACGGTTCCTCTTCCTCTTCCTCGGCCTGTGCC	83						
Db	2897	tgtatgcttgaaagaagcatgcgatcgaacgtcgactcttggccaccatcacgcagtccgtgc	2956						
QY	84	TGTTACCCTAATGGCCGCGGACACGAGAGGGCTCTTGAGGCAACGGACATGATTCCCAA	143						
Db	2957	tcaatgatttcgaaagaagccgctcaaggccattctgatacccaagaagaaagcccctcttga	3016						
QY	144	GTATCTGGCCGCGCTTCTTAACCGTCCCTACCTGACACTCTTCGGGCAATPCCCAG	203						
Db	3017	aactggccccgaaacatctcttacatgaccttaacgtgatatctatgaaaggttttgtcag	3076						
QY	204	AGGACATGGAC	214						
Db	3077	accagataagac	3087						

RESULT 12
US-09-181-030-6
; Sequence 6, Application US/09181030
; Patent No. 6251597
; GENERAL INFORMATION:
; APPLICANT: Shyjan, Andrew W.

```

1      FILING DATE: 24-JAN-1995
2
3      ATTORNEY/AGENT INFORMATION:
4
5      NAME: GOLDBERG, JULES E.
6
7      REGISTRATION NUMBER: 24,408
8
9      TELECOMMUNICATION INFORMATION
10
11     TELEPHONE: 212-986-4090
12
13     TELEFAX: 212-818-9479
14
15     INFORMATION FOR SEQ ID NO: 1:
16
17     SEQUENCE CHARACTERISTICS:
18
19     LENGTH: 28804 base pairs
20
21     TYPE: nucleic acid
22
23     STRANDEDNESS: unknown
24
25     TOPOLOGY: unknown
26
27     MOLECULE TYPE: DNA (genomic)
28
29     FRAGMENT TYPE: N-terminal
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Query Match	16.38;	Score	34.8;	DB 2;	length	28804;			
Best Local Similarity	54.80;	Pred. No.	1;						
Matches	69;	Conservative	0;	Mismatches	57;	Indels	0;	Gaps	0;

QY 6 AGCTGGGGCCCAAGATTCGTCAACGTCGAGCAGAATGATGAAGACGCTTCTTTCTCT 65
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Db 20216 ATCGGCTGTCACGGTCGTCTCTCGGGCGAATCTGTTACTGCCGATCTGTTCG 20157

Db 20216 ATCCGCTGTTCACGGTACGTCGTCTCGGGCCGATGCTGTCTTCTACTGCGCATGCTGTTCG 2011

QY 66 TCTTCTCGGCGTGTCGGCTGTAGCCCTATGGCGTGGCCACGAGGGCTCCTTAGGCCAC 125
| | | | | | | | | | | | | | | | | | |
db 20156 GCGTCGTGATCGTGTGCTGCTGCCTATGCGAATGTTCTGTTCCGGCGTCGGCGGCCCC 2097

Db 20156 GCGGCTGAGTCGTGCTGCTGCTGCGCCTATGGGATGCTCTCGTTGGGCGTCCGGGGCCCCC 20097

Qy 126 GGGACA 131

QY 126 GGGACA 131
 | ||
Db 20096 TGGCA 20091

RESULT 14

; Sequence 2, Application US/09096942

GENERAL INFORMATION:

APPLICANT: Mikołajczak, Marcja

APPLICANT: Thorne, Linda

; TITLE OF INVENTION: Production of

FILE REFERENCE: seq. list for appl

CURRENT FILING DATE: 1998-06-12

EARLIER FILING DATE: 1997-06-12

; SOFTWARE: PatentIn Ver. 2.0
; CEO ID NO 3

LENGTH: 28804

ORGANISM: Sphingomonas sp. S88

Query Match	16.38;	SCC
Post 10001 0141101444	54.08	0.00

Matches 69; Conservative 0;

QY 6 AGCTGGGGCCAGATCGTCATCGTGA

Db 20216 ATCCGCTGTTCAAGGGTCTGTTCTCTCG

QY 66 TCTTCCTCGGCGTGTGGCTGGTACCT

Db 20156 GCGTCGTGATCGTGTCTCGCTGGTCCGCT

